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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James et al.

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For: Culture of Mycobacteria

Preliminary Amendment

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants respectfully request that the sapplication
being filed herewith be amended as follows.

Paragraph beginning on line 5, page 4

A1
Accordingly, a first aspect of the invention provides a method
of culture of mycobacteria, comprising culturing said
mycobacteria, in batch fermenter culture or continuous
culture, with agitation and in the presence of at least 0.1%
(v/v) detergent. Sufficient detergent is present so that a
substantially homogenous suspension of cells is maintained.

Paragraph beginning on line 10, page 4

A2
Preferably, the method of the invention comprises growing said
mycobacteria in batch fermenter culture or continuous culture,
at a temperature of 35°C +/- 10°C, at a dissolved oxygen
tension of at least 1.0 percent, at a pH of 6.9 +/- 0.9 [and
with agitation in the presence of sufficient detergent to
maintain a substantially homogenous suspension of single
cells].

Paragraph beginning on line 4, page 8

A3
The invention further provides, in a second aspect, a growth
medium for culture of mycobacteria, comprising:
a carbon source;
a mitogen;